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#### SPECIAL REPORT

# Global Warming of 1.5 °C

An IPCC special report on the impacts of global warming of 1.5 °C above pre-industrial levels and related global greenhouse gas emission pathways, in the context of strengthening the global response to the threat of climate change, sustainable development, and efforts to eradicate poverty. The translations of the SPM and other material can be downloaded from this link

"Pour ce qui est de l'avenir, il ne s'agit pas de le prévoir, mais de le rendre possible. " – Antoine de Saint Exupéry, Citadelle, 1948

# **Summary for Policymakers**



Understanding the impacts of 1.5°C global warming above pre-industrial levels and related global emission pathways in the context of strengthening the response to the threat of climate change, sustainable development and efforts to eradicate poverty.

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Showing how emissions can be brought to zero by midcentury stay within the small remaining carbon budget for limiting global warming to 1.5°C.



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Why is it necessary and even vital to maintain the global temperature increase below 1.5°C versus higher levels? Adaptation will be less difficult. Our world will suffer less negative impacts on intensity and frequency of extreme events, on resources, ecosystems, biodiversity, food security, cities, tourism, and carbon removal.



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The global response to warming of 1.5°C comprises transitions in land and ecosystem, energy, urban and infrastructure, and industrial systems. The feasibility of mitigation and adaptation options, and the enabling conditions for strengthening and implementing the systemic changes, are assessed in this chapter.



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The interactions of climate change and climate responses with sustainable development including sustainable development impacts at 1.5°C and 2°C, the synergies and tradeoffs of mitigation and adaptation with the Sustainable Development Goals/SDGs, and the possibilities for sustainable and equitable low carbon, climate-resilient development pathways,

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## Glossary

This glossary defines some specific terms as the Lead Authors intend them to be interpreted in the context of this report. Blue, italicized words indicate that the term is defined in the Glossary.

Note that subterms are in italics beneath main terms.





The Intergovernmental Panel on Climate Change

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